

REMARKS

A reconsideration of this patent application is respectfully requested in view of the foregoing amendments and the following remarks.

The amendments to this patent application are as follows. The Specification has been amended on pages 1, 31 and 32 to include the required section headings. Pages 15, 27, 28 and 31 have been amended to correct minor typographical errors. The drawings and the Specification have been amended in order to include reference numerals and to support the language in the claims.

Pages 32a, 32b, 32c, 32d and 32e have been canceled and replaced by an appropriate amendment to the Specification.

The subject matter added to page 32 of the Specification not only includes the canceled description, but also includes the language recited by the claims.

Claims 54 to 81 have been canceled without prejudice and have been rewritten as newly added claims 82 to 109.

For all these reasons, it is firmly believed that all the claims, the drawings and the Specification are now in complete compliance with the requirements of 35 U.S.C. 112. Withdrawal of

this ground of rejection is respectfully requested.

A prompt notification of allowability is respectfully requested.

Respectfully submitted,
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- Encl.: 1. Copy of Petition for a Three Month Extension of Time
for a Small Entity
2. Seven sheets of drawings encompassing FIGS. 1a, 1b,
1c, 2, 3, 4, 5 and 6

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on December 21, 2000.


Lisa L. Vulpis

1st perforated sheet metal plate supporting
2nd perforated sheet metal plate (with thermal
insulation) *62*

Heat exchanger + air filter + gap seal + drum *12*

1st anti-twist (anti-turbulence) honeycomb *10*

2nd anti-twist (anti-turbulence) basket

Magnetic fixation *56*

Safety glass *66*

48

Longitudinal bar, sealing element + control element
for controlling the admission of air

Axial seal *60*

Adjusting screw *50*

Effective axial sealing point

26

Thermal compensation, axial

Separating bottom, sound absorber, *80*
removable and magnetically fixed

46

Cross bar, sealing element

bearing 28
Central mounting (fastening) screw (when drum is removed,
bearing remains on cross bar)

Pressure compensation, ~~silica gel~~, permanent dehumidifier, with
solar regeneration *filter 84*

Silica gel

Expansion compensation + insulator

Blowout flow turbulence eliminator

FIG. 1a

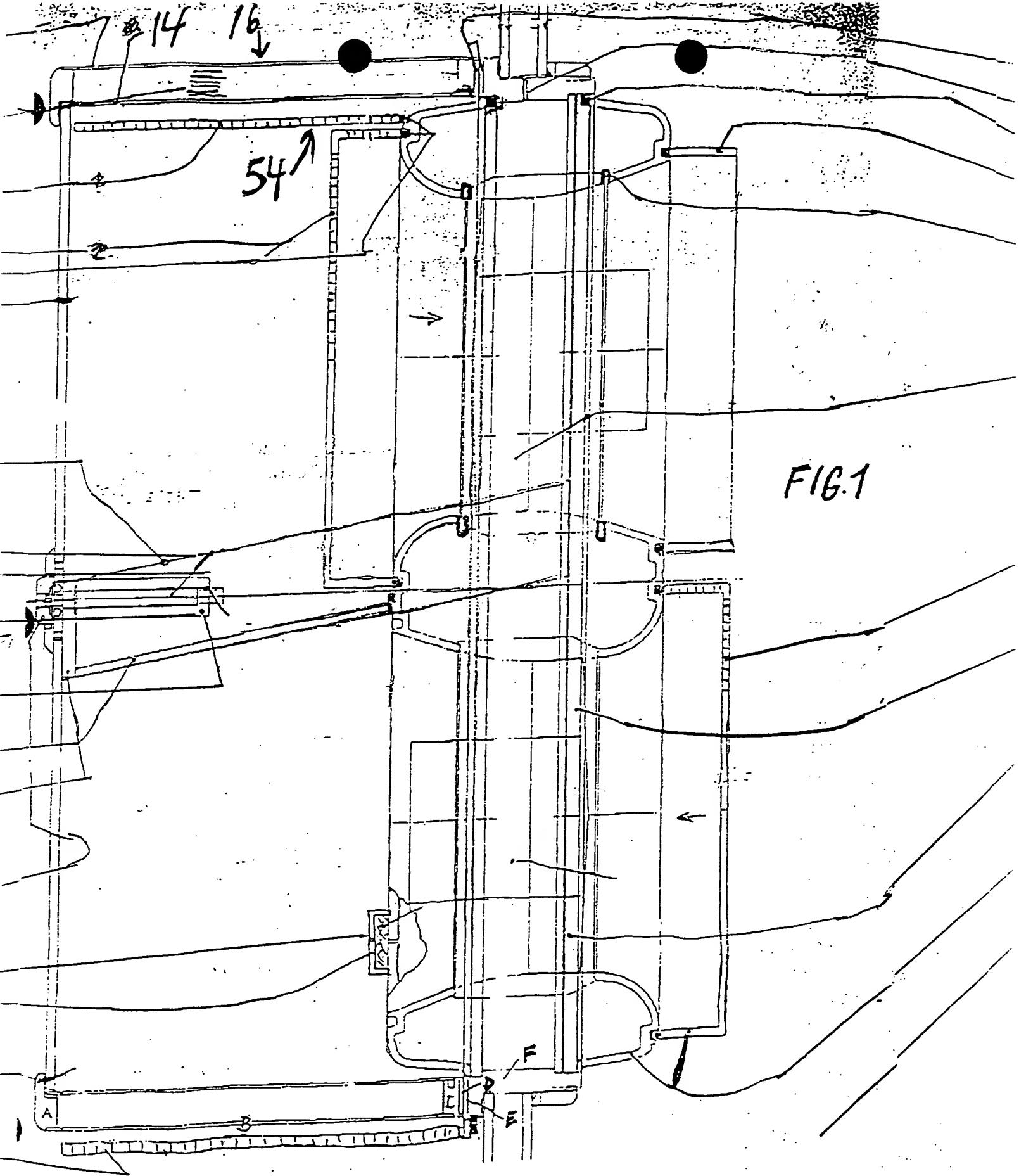


FIG. 1b

18

Magnetic bearing/sealing element

Pressure compensation bore

Compensation of expansion

Jet tube, transparent

Physical sound insulator

10

76

Exhaust air ventilator

24

FIG. 1

18

Flow rectifier and heat exchanger drive (twist or turbulence generator)

22

Feed air ventilator and heat exchanger drive
(twist or turbulence generator)

58

Axial rotor/magnetically fixed; rotor including journal bearing
replaceable

Transparent

A, C, D, E and F maintained at room temperature by B

FIG. 1c

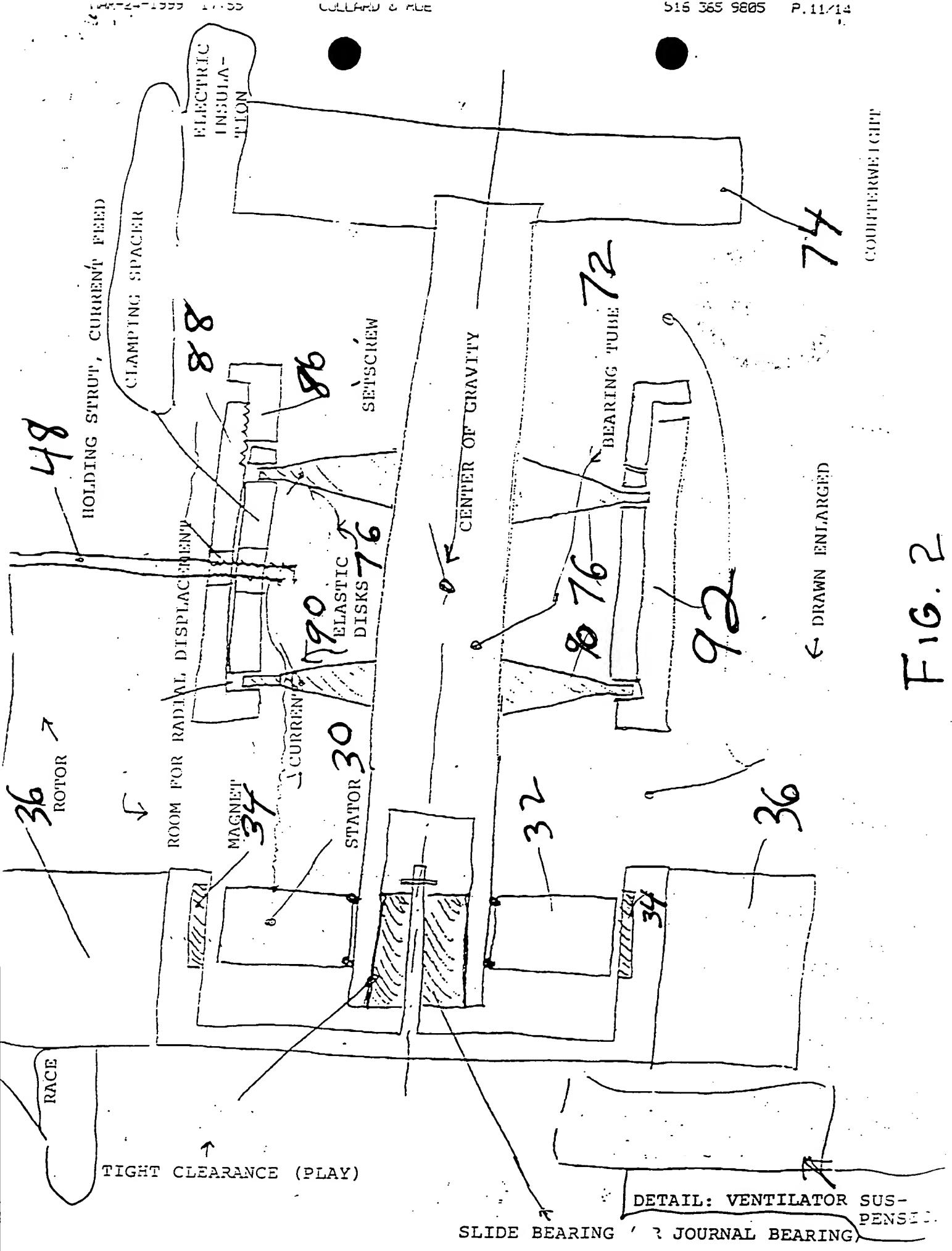


Fig. 2

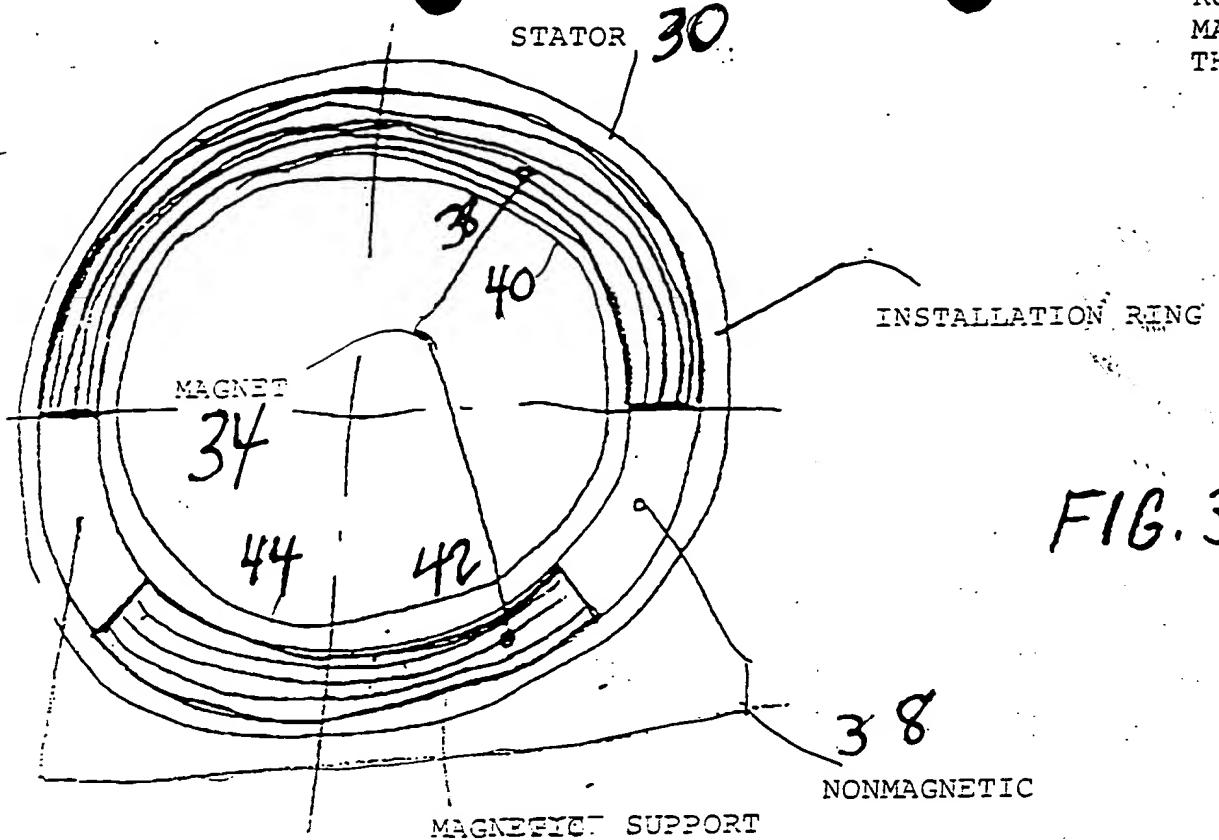


FIG. 3

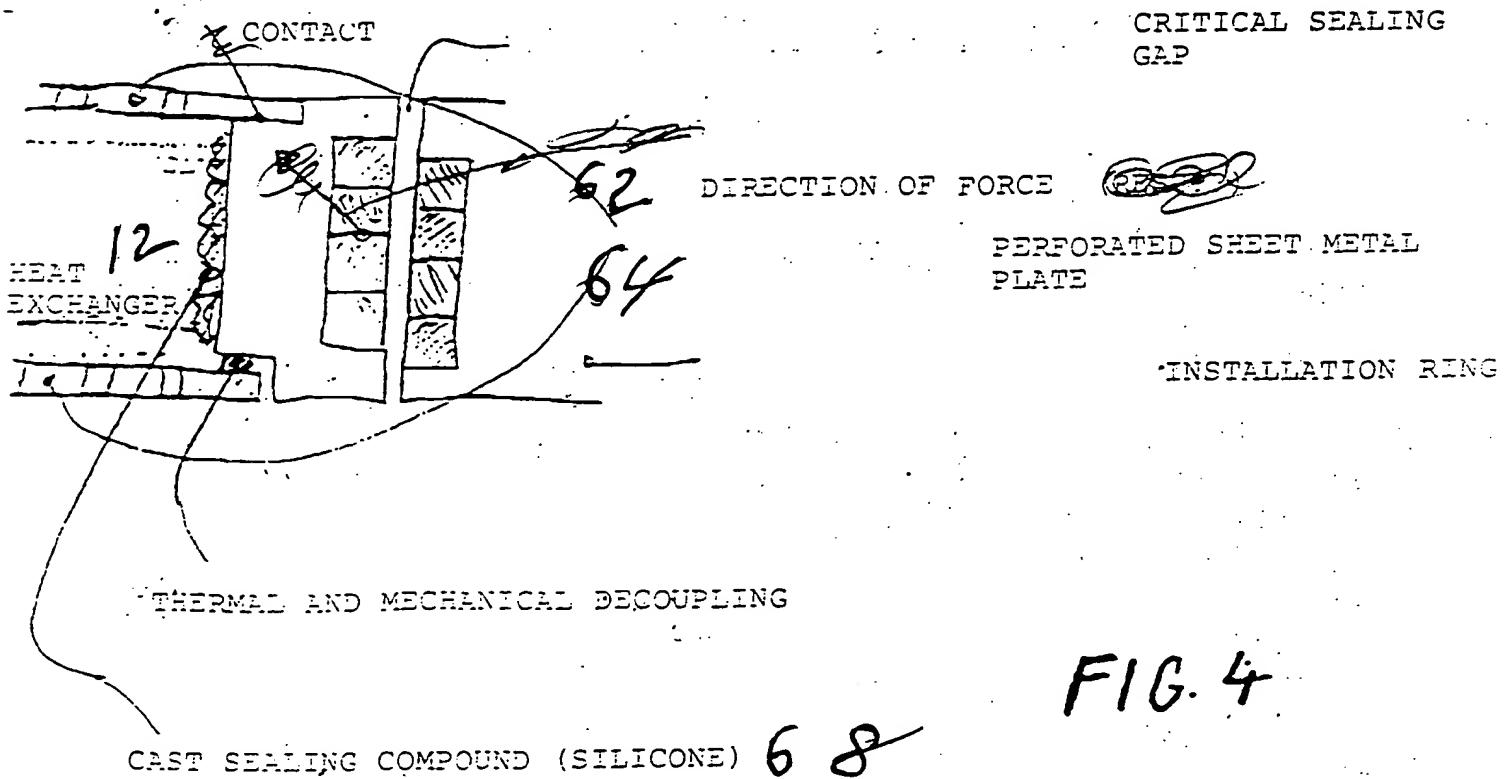


FIG. 4

CAST SEALING COMPOUND (SILICONE) 68

ROTOR:
MAGNETIC
THROUGHOUT

DETAIL DRAWING: CENTRAL BEARING + TEMPERATURE COMPENSATION

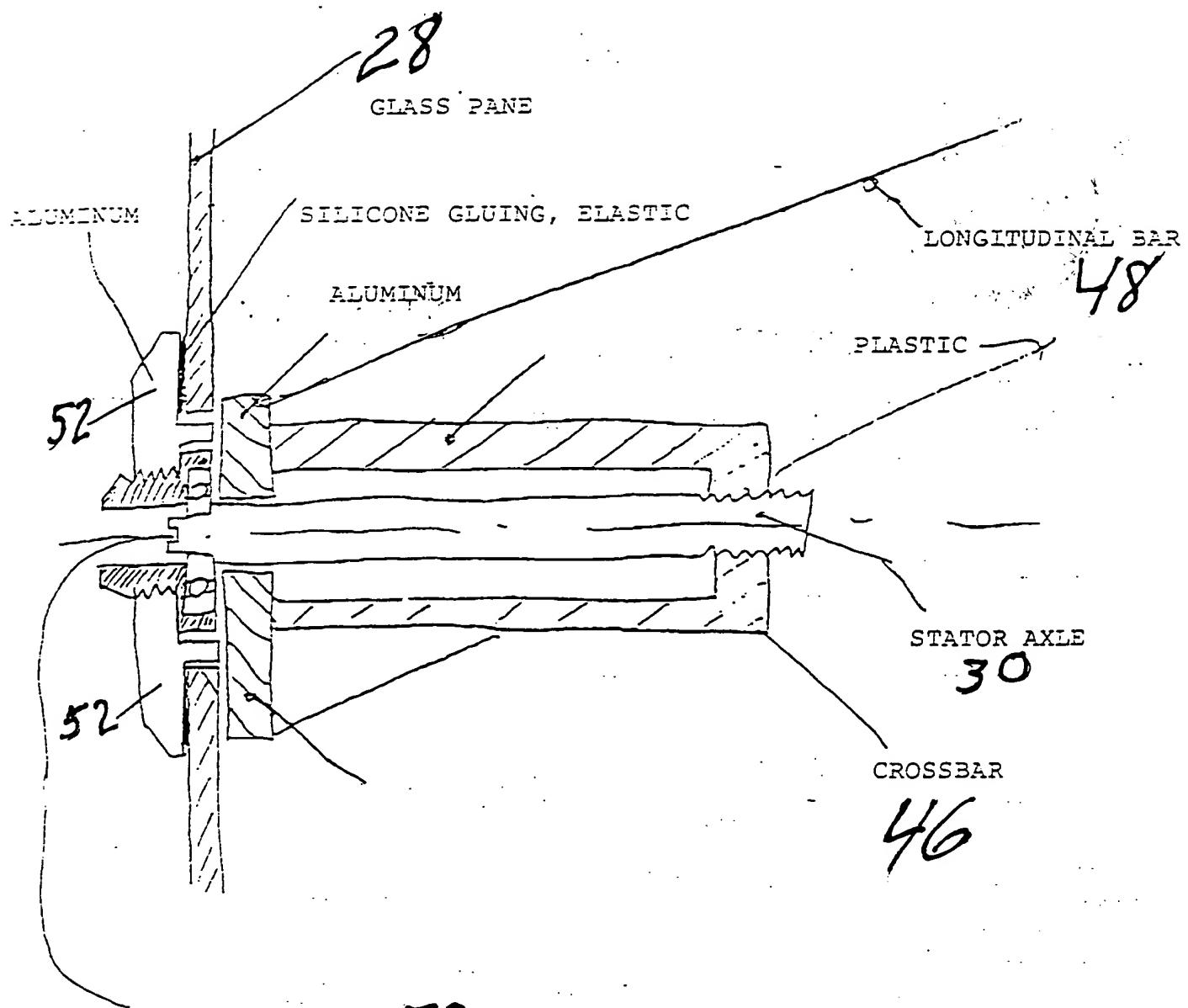


FIG. 5

DETAIL DRAWING: GLASS PANE, FRONT RING

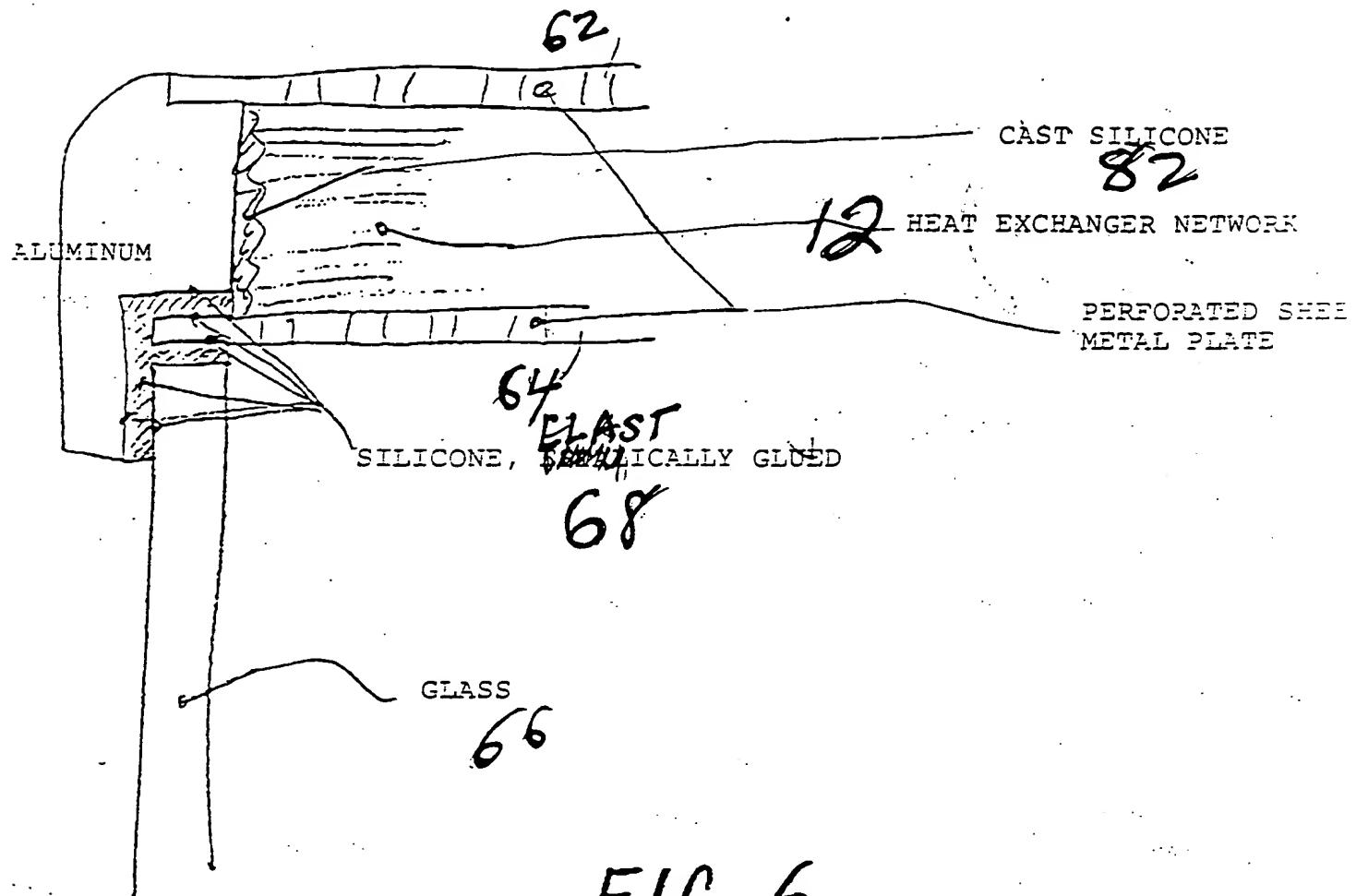


FIG. 6